

ABSTRACT OF THE DISCLOSURE

A distributed flow properties wellbore measurement system. In a
5 described embodiment, a system for determining at least one parameter of a fluid
in a tubular string includes a pressure pulse generator attached to the tubular
string and a set of sensors. The generator transmits a pressure pulse through the
fluid. The set of sensors is used to determine a velocity of the pressure pulse
transmitted through the fluid, and to determine a velocity of the pressure pulse
10 reflected back through the fluid.